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% SEQUENCE SIMILARITY TO HUMAN OP-1 SEVEN-CYSTEINE DOMAIN

APPROVED	O.G. FIG.
	CLASS/SUBCLASS
BY	DRAFTSMAN

SEQUENCE	% SIMILARITY	% NON CONSERVATIVE
hOP-1	100	0
mOP-1	100	0
hOP-2	97	3
mOP-2	97	3
BMP-5	97	3
BMP-6	96	4
Vgr-1(PT)	94	6
OP-3	91	9
60A	90	10
BMP-4	90	10
BMP-2	89	11
dpp	87	13
UNIVIN	87	13
dpp(PT)	86	14
Vg-1	86	14
CDMP-1	85	15
CDMP-3	83	17
GDF-3	83	17
CDMP-2	82	18
DORSALIN	79	21
GDF-1(PT)	78	22
GDF-10	78	22
BMP-3b	78	22
BMP-10	78	23
BMP-3	78	23
SCREW	77	23
ADMP	77	24
TGF-β2	73	27
GDF-1	73	28
BMP-9	73	28
NODAL	71	29
InhibinβA	71	29
BMP-15	71	29
TGF-β3	69	31
InhibinβB	69	31
InhibinβC	69	31
TGF-β5	67	33
TGF-β1	67	33
GDF-12	67	33
GDF-11	66	34
TGF-β4	66	34
GDF-9	66	34
GDF-8	64	36
BMP-11	60	40
GDNF	49	51

FIG. 1

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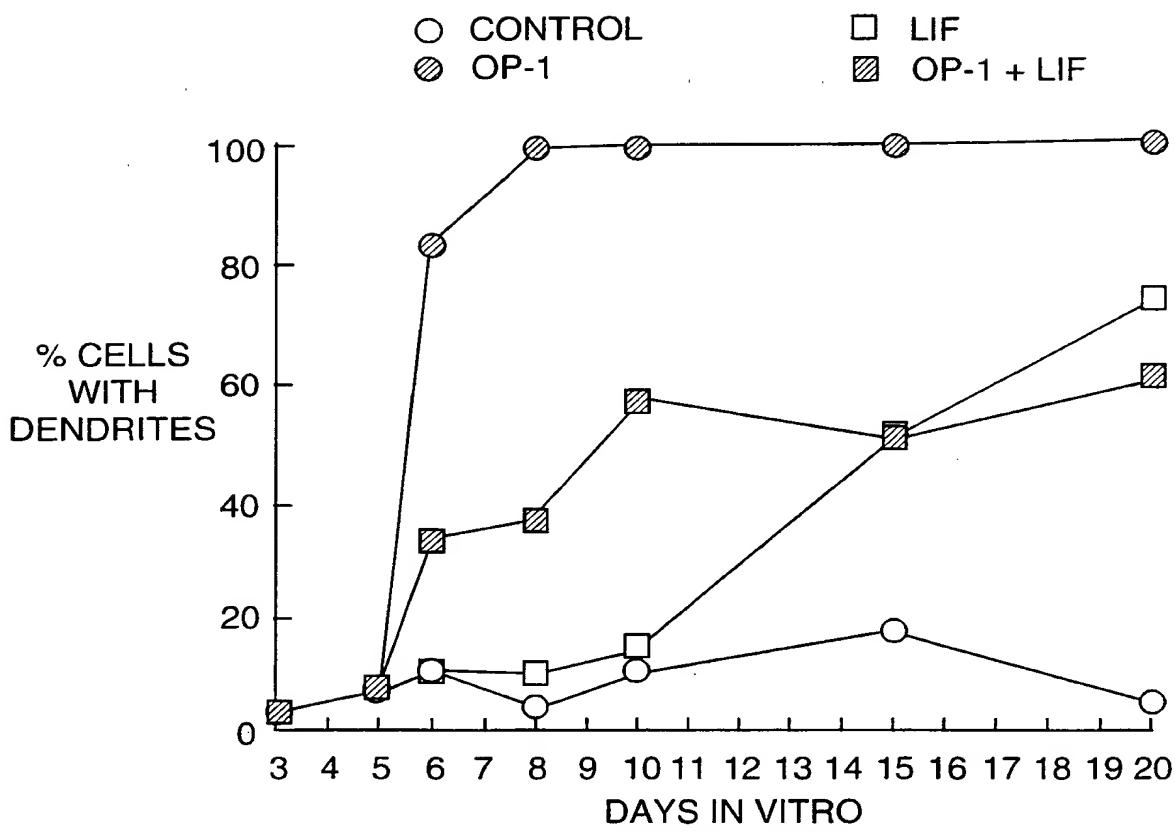


FIG. 2A

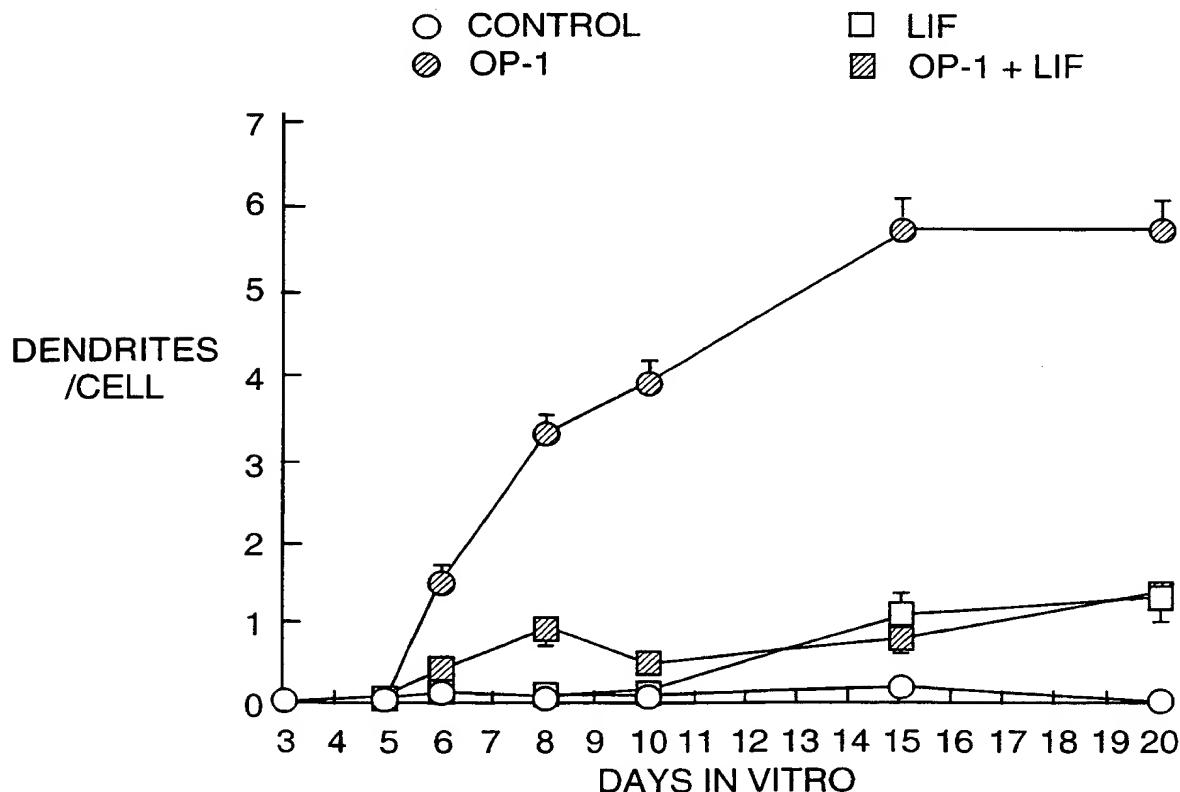


FIG. 2B

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APPROVED	O.G. FIG.
	CLASS
	SUBCLASS
BY	DRAFTSMAN

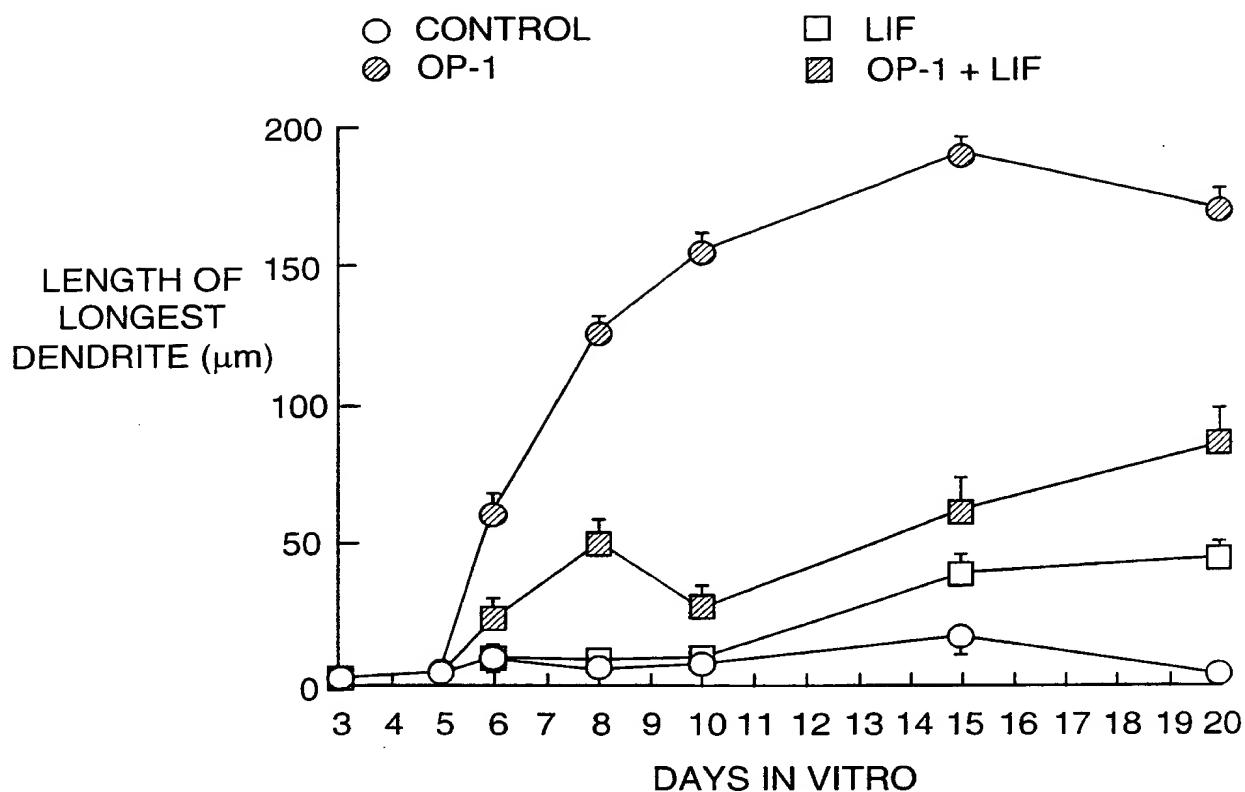


FIG. 2C

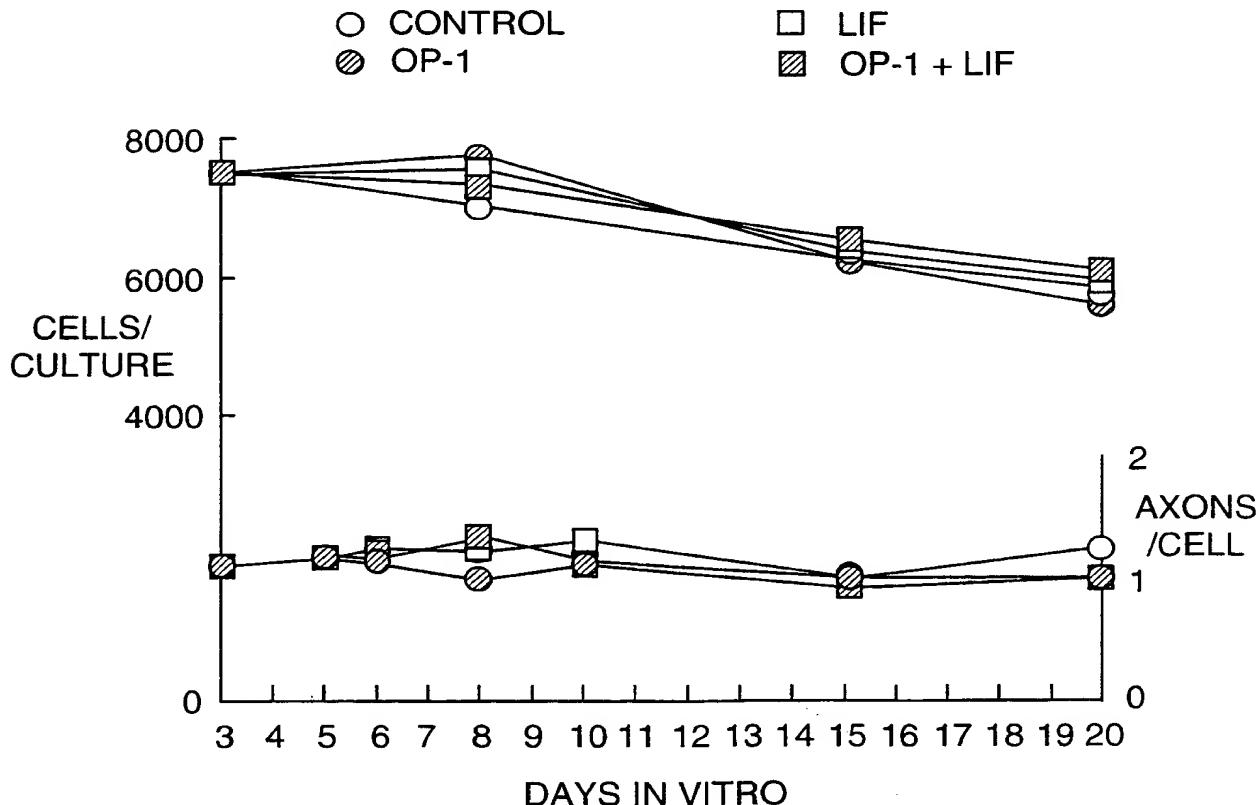


FIG. 2D

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APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

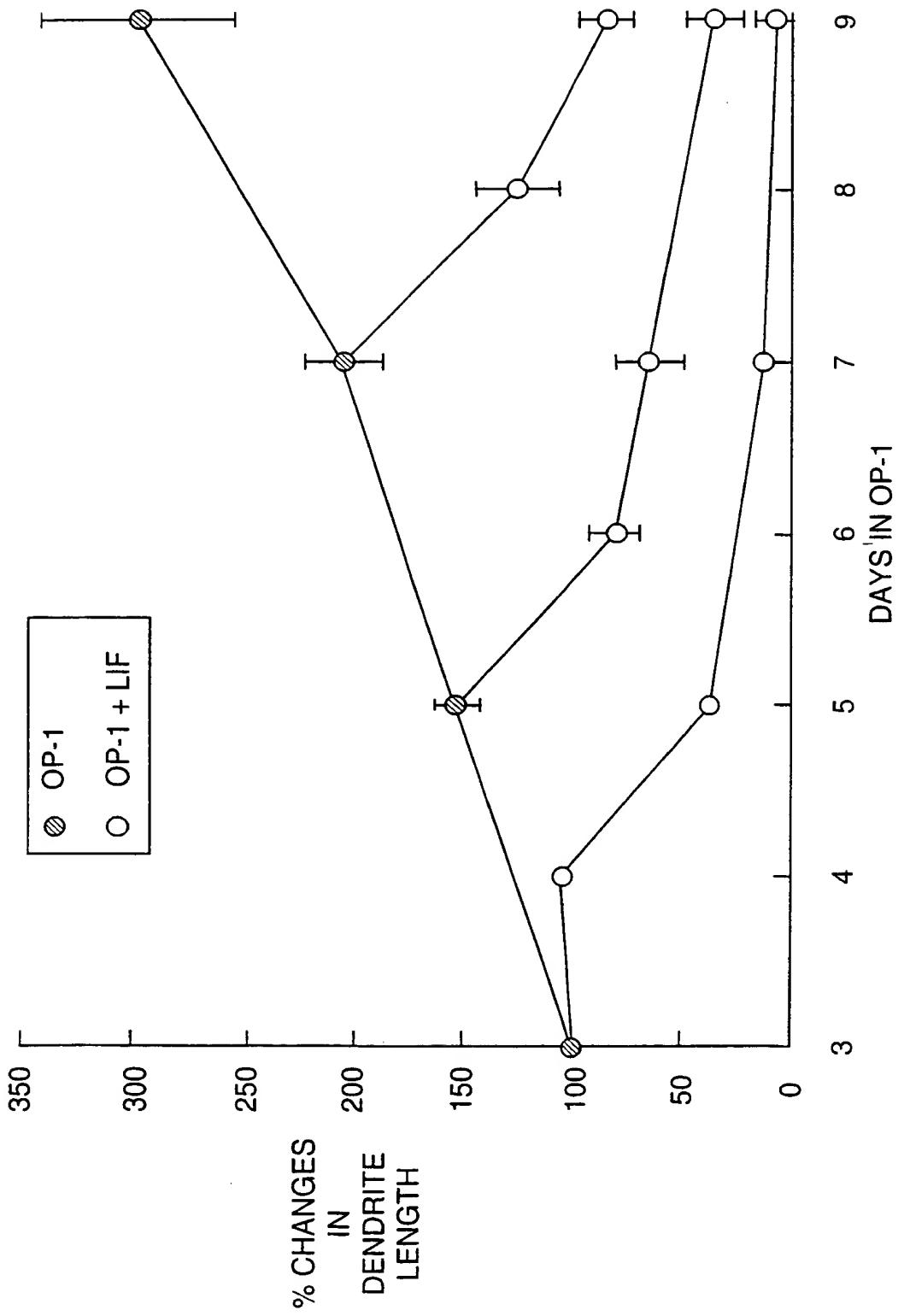


FIG. 3

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APPROVED	O.G. FIG.
CLASS	SUBCLASS
DRAFTSMAN	

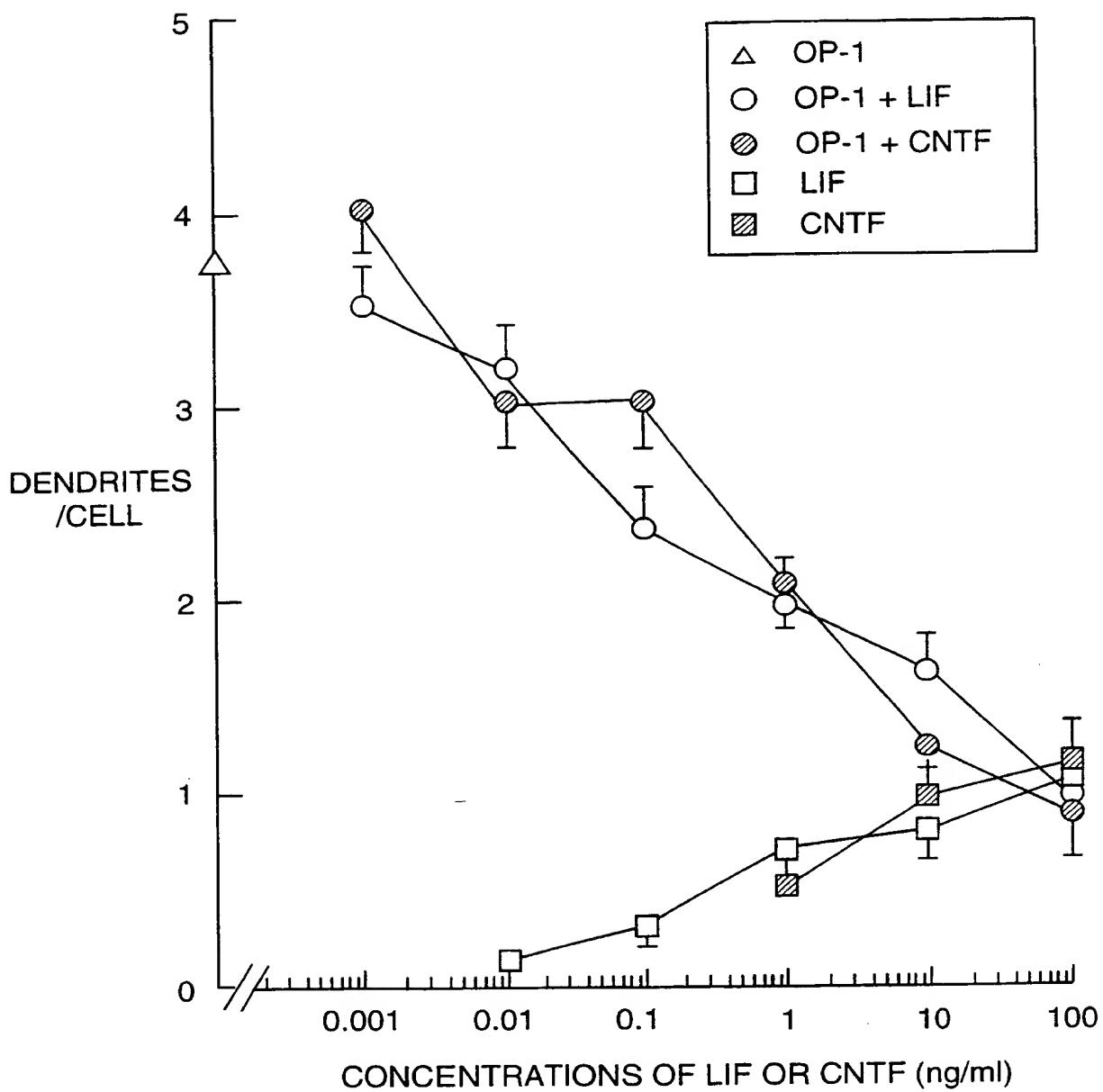


FIG. 4

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APPROVED	O.G. FIG.
CLASS	SUBCLASS
BY	DRAFTSMAN

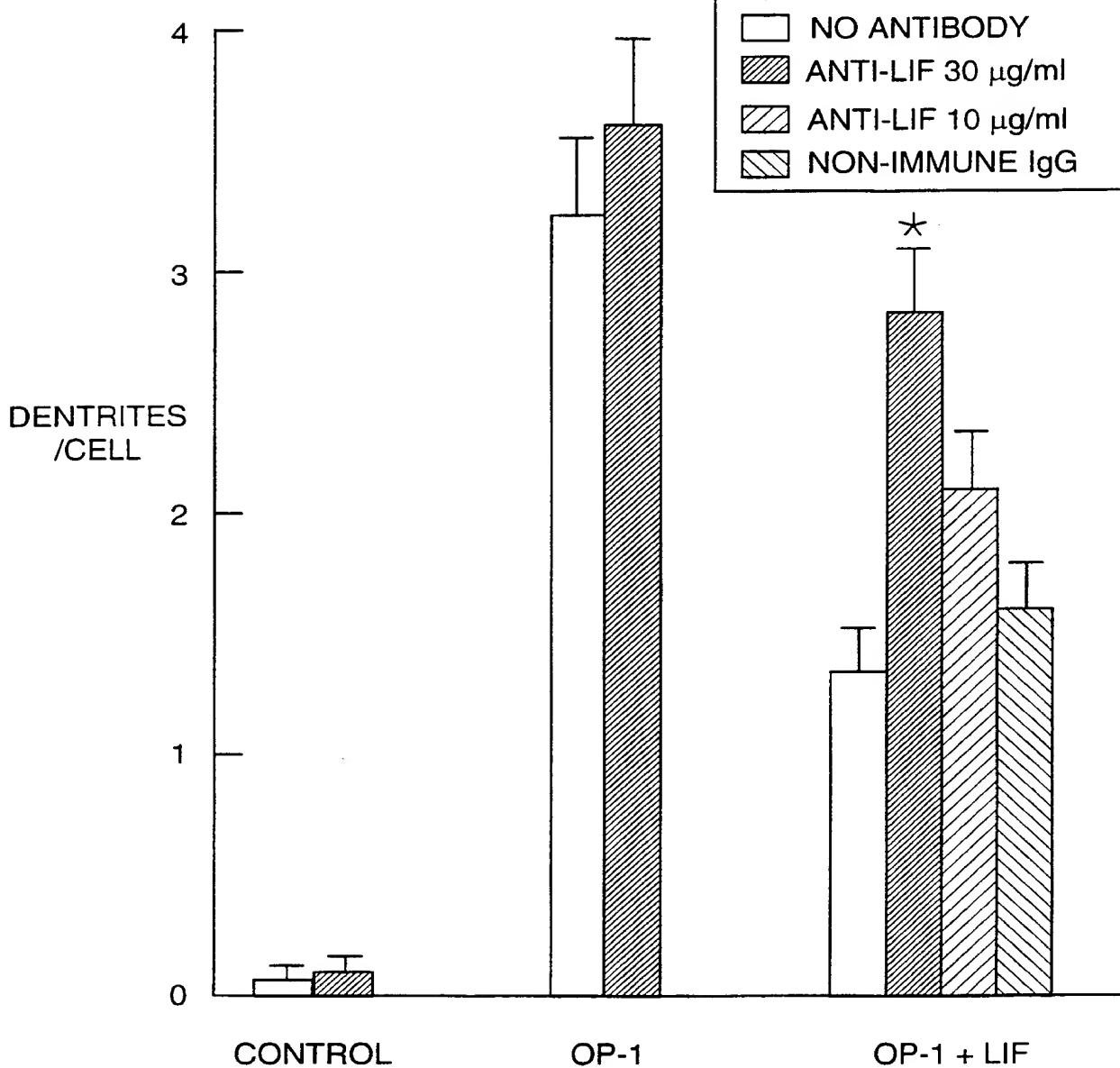


FIG. 5

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APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

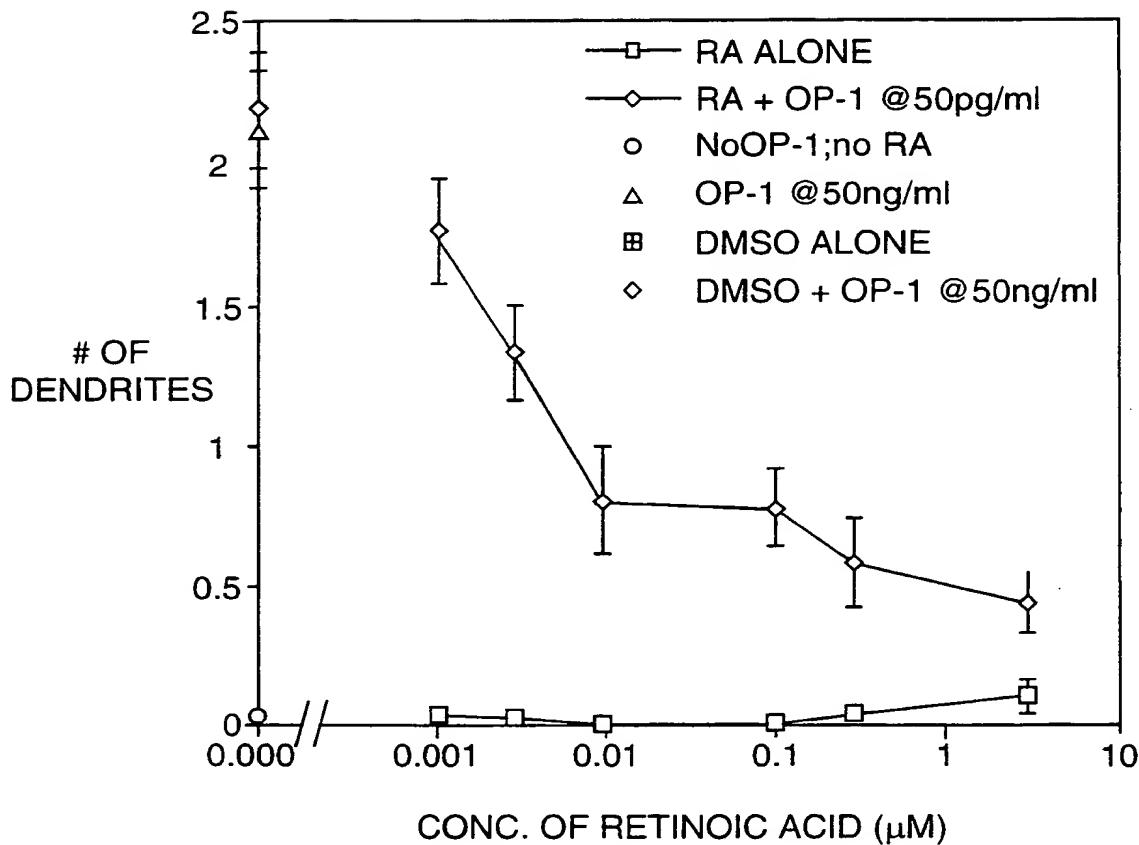


FIG. 6

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APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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DOSE DEPENDENT INHIBITION OF DENDRITES
GROWTH BY RETINOIC ACID

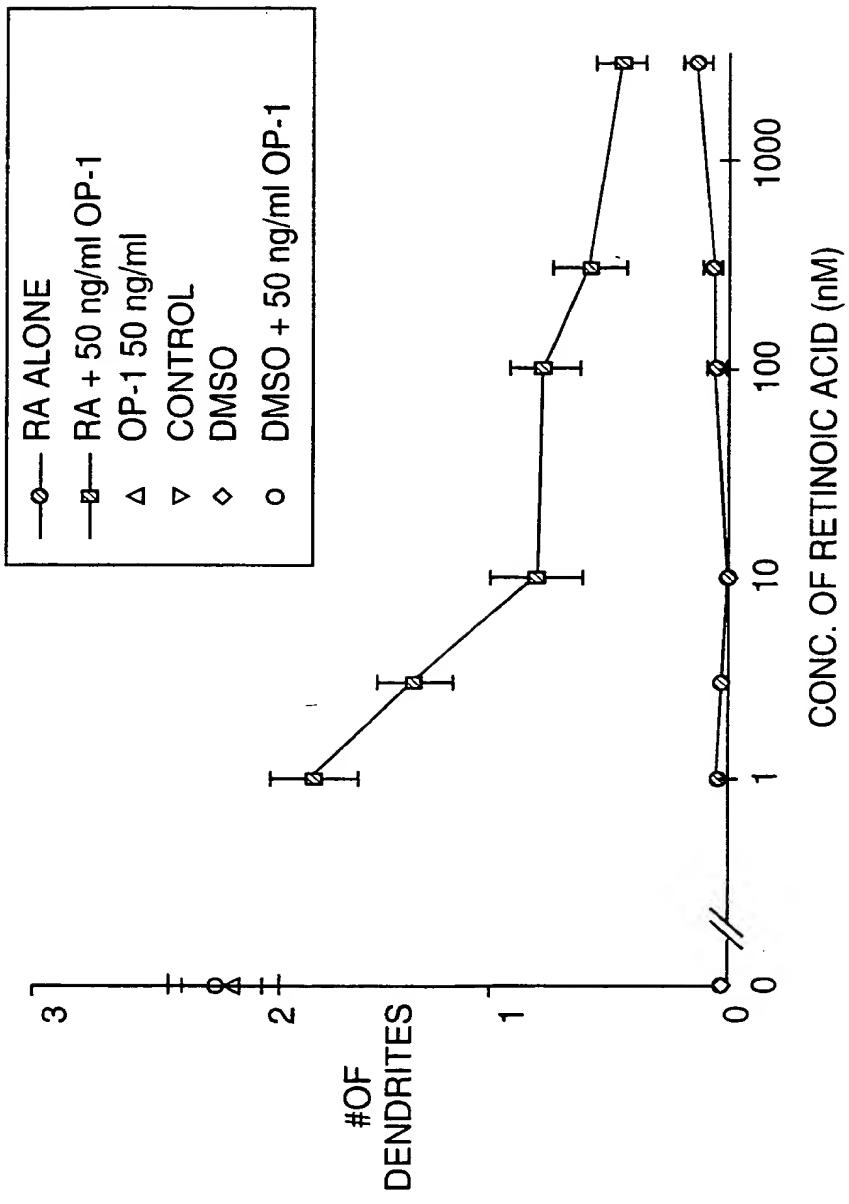


FIG. 7

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APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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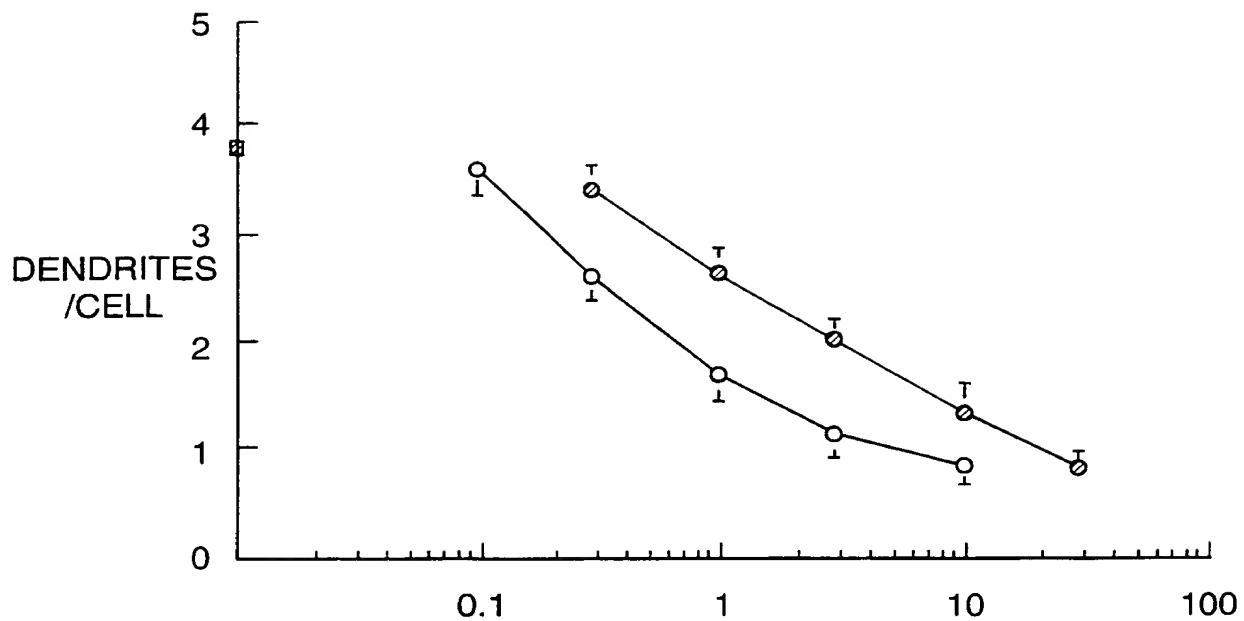


FIG. 8A

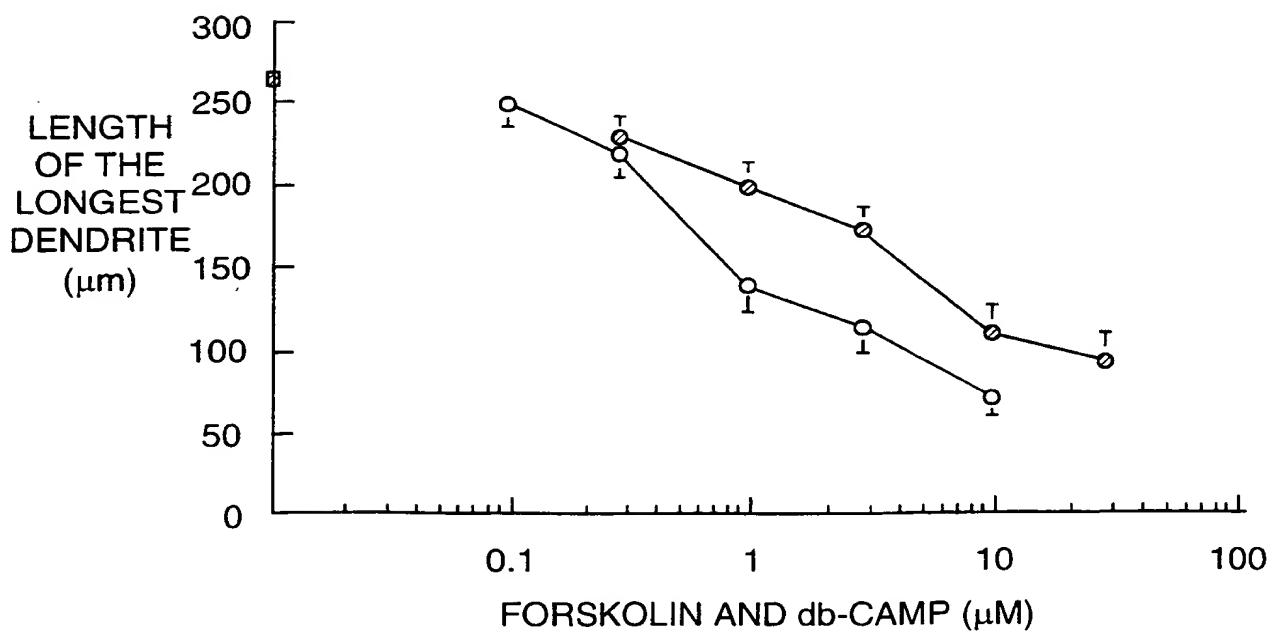


FIG. 8B

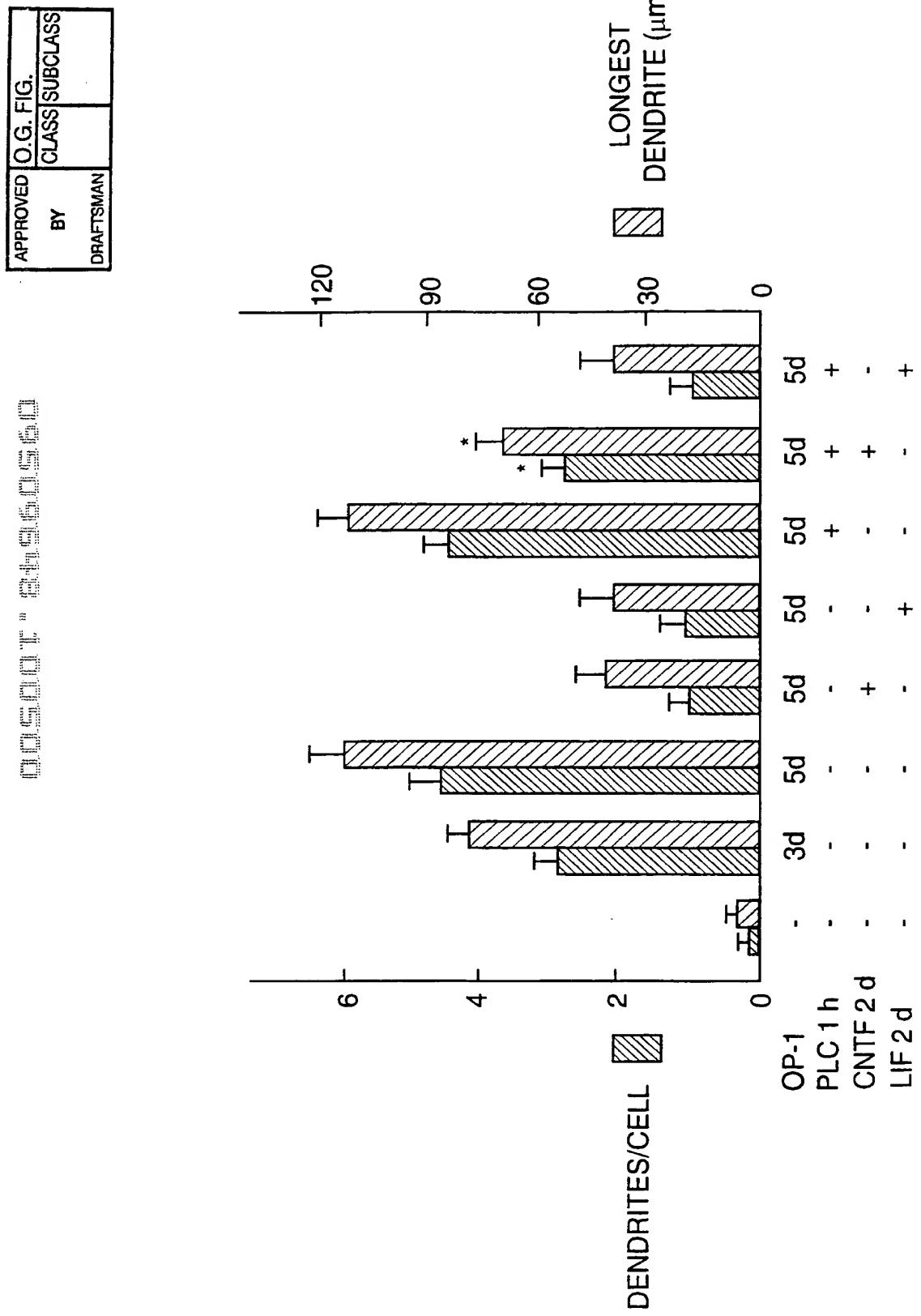


FIG. 9